

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4265	(three\$1way or twc) near5 catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/10 14:06
S2	4348	(three\$1way or twc) near10 catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/19 10:46
S3	257	S2 and (substrate same (steel or hastelloy or alloy or titanium))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/19 10:49
S4	2	S3 and ((layer\$3 or coat\$3) near10 alumin\$2silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/19 10:50
S5	149	S2 and (substrate same (steel or hastelloy or alloy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/19 10:49
S6	2	S5 and ((layer\$3 or coat\$3) near10 alumin\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/19 10:50
S7	20	S5 and alumin\$1silicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/04/19 10:50
S8	2305	(substrate or carrier or support) same alumin\$2silicate same alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/18 11:36
S9	237	(substrate same ("stainless steel" or "carbon steel" or titanium or "fecn alloy" or hastelloy)) and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/18 11:37

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S10	0	S9 and ("expansion cone")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/18 11:27
S11	12	S9 and (two or "three way catalyst")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/18 11:37
S12	1218	(layer\$3 or coat\$3) same alumin\$2silicate same alumina	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/18 11:36
S13	160	(substrate same ("stainless steel" or "carbon steel" or titanium or "ferr alloy" or hastelloy)) and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/18 11:37
S14	3	S13 and (two or "three way catalyst")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/18 11:37
S15	10038	alumina same (alumin\$1silicate or alumina\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:51
S16	37	S15 and ((alumin\$1silicate or alumina\$1silicate) adj (coating or layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:54
S17	7	S16 and (alumina same "particle size")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:52
S18	0	"three\$1way catalyst"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:54
S19	10842	"three way catalyst" or two	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:54

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S20	0	S19 and "metal\$3 substrate"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:55
S21	719	S19 and (substrate same (metal or metallic))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:55
S22	46	S21 and alumin\$2silicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:55
S23	0	S21 and (alumin\$2silicate adj (coating or layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:56
S24	2	S22 and ("alumina particles" or "particulate alumina")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/06/25 16:56
S25	6	("3518206").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/26 09:58
S26	2	("3891575").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/06/26 09:58
S27	550606	substrate same (metal\$3 or steel or titanium or alloy or "stainless steel" or "carbon steel")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/10 13:33
S28	31	S27 and (coat\$3 same alumina\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/10 13:46
S29	15	S27 and "expansion cone"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/10 13:47

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S30	8	((("5620672") or ("5422331") or ("5721188") or ("5204302"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/10 14:06
S31	125360	substrate same metal\$3 same coat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 08:59
S32	24	S31 and (coat\$3 same alumina\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 08:50
S33	27	(substrate same metal\$3) and (coat\$3 same alumina\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 09:03
S34	8	"metal substrate" and (coat\$3 same alumina\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 09:00
S35	0	("3443978").URPN.	USPAT	OR	ON	2006/02/16 09:06
S36	2778	(428/450).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 10:38
S37	3909	(428/469).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 10:38
S38	1661	(428/325).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 10:38
S39	1805	(428/697).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 10:39

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S40	3303	(428/702).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 10:39
S41	1	S36 and alumina\$1silicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:41
S42	55	S36 and (alumina\$1silicate or bentonite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:45
S43	5	S42 and ((particle or particulate) near5 alumina)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:45
S44	49	S37 and (alumina\$1silicate or bentonite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:46
S45	3	S44 and ((particle or particulate) near5 alumina)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:46
S46	57	S38 and (alumina\$1silicate or bentonite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:48
S47	8	S46 and ((particle or particulate) near5 alumina)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:48
S48	29	S39 and (alumina\$1silicate or bentonite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:48
S49	3	S48 and ((particle or particulate) near5 alumina)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:48

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S50	41	S40 and (alumina\$1silicate or bentonite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:48
S51	4	S50 and ((particle or particulate) near5 alumina)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:49
S52	4199	(three\$1way or twc) adj catalyst	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:50
S53	662	S52 and (substrate same (metal\$3 or steel or alloy))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:51
S54	1	S53 and (coat\$3 same alumina\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:52
S55	2	S53 and alumina\$1silicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:54
S56	37	S53 and alumino\$1silicate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 10:55
S57	11170	(428/450,469,325,697,702).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 14:56
S58	48937	b01j037/02.ipc. or b01d053/34.ipc. or b01j023/22.ipc. or c01b021/02.ipc. or f01n003/15.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 15:11
S59	11170	(428/450,469,325,697,702).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 15:11

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S60	60105	S58 or S59	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 15:14
S61	48937	b01j037/02.ipc. or b01d053/34.ipc. or b01j023/22.ipc. or c01b021/02. ipc. or f01n003/15.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 15:21
S62	11170	(428/450,469,325,697,702).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/16 15:21
S63	60105	S61 or S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 15:21
S64	5176	S63 and (substrate same (metal\$3 or alloy or steel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 15:31
S65	17	S64 and (layer\$3 same (alumina\$1silicate or bentonite))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/16 15:35

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3477	(layer\$3 or washcoat) same (alumina\$1silicate or alumino\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:40
L2	961	1 and (substrate same (metal\$3 or alloy or steel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:57
L3	58	2 and (((outer or top or external) adj layer) same alumin\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:58
L4	2518	(502/439,527.12,527.24,527.15, 527.12).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 09:38
L5	343	4 and (substrate same (metal\$3 or alloy or steel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:38
L6	3	1 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:39
L7	17	5 and (alumina\$1silicate or alumino\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:57
L8	48937	b01j037/02.ipc. or b01d053/34.ipc. or b01j023/22.ipc. or c01b021/02.ipc. or f01n003/15.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:56
L9	11170	(428/450,469,325,697,702).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/02/17 09:56

EAST Search History

L10	60105	L8 or L9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:56
L11	5176	L10 and (substrate same (metal\$3 or alloy or steel))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:56
L12	162	L11 and (alumina\$1silicate or alumino\$1silicate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:56
L13	75	1 and 11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:57
L15	17	3 and 13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/02/17 09:59

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	321	alumina same (alumino-silicate or aluminosilicate or alumino adj silicate) same metal\$3 same layer\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 10:17
L2	179	ll and catalyst	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/02/17 10:17